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October 13, 2000

Attorney Docket No.: 07917-105001

Box Patent Application
Commissioner for Patents
Washington, DC 20231

Presented for filing is a new patent application claiming priority from a provisional patent application of:

Applicant: CRAIG C. MELLO, ANDREW FIRE, HIROAKI TABARA AND
ALLA GRISHOK

Title: RNA INTERFERENCE PATHWAY GENES AS TOOLS FOR
TARGETED GENETIC INTERFERENCE

Enclosed are the following papers, including those required to receive a filing date under 37 CFR §1.53(b):

	<u>Pages</u>
Specification	49
Claims	2
Abstract	1
Declaration	[To be Filed at a Later Date]
Drawing(s)	16

Also enclosed is a return postcard.

Under 35 USC §119(e)(1), this application claims the benefit of prior U.S. provisional application Serial Nos. 60/159,776, filed October 15, 1999 and 60/193,218, filed March 30, 2000.

The filing fee has been calculated as follows.

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EL624322063US

I hereby certify under 37 CFR §1.10 that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

October 13, 2000
Date of Deposit

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1c957 U.S. P.T.O.

Federick P. Fish
1855-1930

K. Richardson
1859-1951

1c960 U.S. P.T.O.
09/689992

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Basic filing fee	\$355
Total claims in excess of 20 times \$9	\$0
Independent claims in excess of 3 times \$40	\$160
Fee for multiple dependent claims	\$0
Total filing fee:	\$515

A check for the filing fee is enclosed. Please apply any other required fees or any credits to deposit account 06-1050, referencing attorney docket number 07917-105001.

Please send all correspondence to:

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If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (617) 542-5070. Kindly acknowledge receipt of this application by returning the enclosed postcard.

Respectfully submitted,



Gary L. Creason
Reg. No. 34,310

Enclosures